

PROCESS FOR THE PREPARATION OF POLYHYDROXYLATED STEROIDS, LYSERGOL AND
ERGOLINIC ALKALOIDS; EXTRACTION SEEDS OF CONVULVULACEAE FAMILY

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Abstract:

A method is disclosed for extracting lysergol and ergolinic alkaloids from seeds of plants belonging to the Convulvulaceae family, Ipomoeae section, petaloidea genus (Choisy). The process applies to ground and defatted seeds and, after an orderly sequence of extraction, filtrations and crystallization, a first insoluble fraction is obtained, which contains the expected ergoline alkaloids and lysergol, whereafter a second sequence of extractive operations is carried out in order to separate as discrete fractions, the ergolinic alkaloids on the one hand, and the lysergol on the other hand.

Exemplary Claim:

1. IN A PROCESS FOR THE PRODUCTION OF HORMONES OF THEMETAMORPHOSIS OF INSECTS AND FOR THE PRODUCTION OF ERGOLINIC ALKALOIDS THE IMPROVEMENT COMPRISING EXTRACTING SAID HORMONES AND ALKALOIDS FROM A PLANT OF THE CONVOLOVULACEAE FAMILY, IPOMOEAE SECTION, PETALOIDEA (CHOISY) GENUS.

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